

Abstract

Line Driver

The invention relates to a line driver arrangement for driving signals via at least one subscriber line, provided with:

- an input for injecting an input signal and having an output at which a signal which is to be driven via the subscriber line can be tapped off,
- a digital amplifier which produces a pulse-width-modulated signal on the output side from the input signal or from a signal derived from it,
- an analog amplifier, which produces an analog signal on the output side from the input signal or from a signal derived from it,
- with the outputs of the amplifiers being coupled such that the signal to be driven results from superimposition of the analog signal and the digital signal,
- with the gain of the analog amplifier being matched to the gain of the digital amplifier such that scatter and/or overshoot on the digital signal are at least reduced after the superimposition.